

Tab B



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
T (070) 3 40 20 40
FAX (070) 3 40 30 16

Europäisches
Patentamt

European
Patent Office

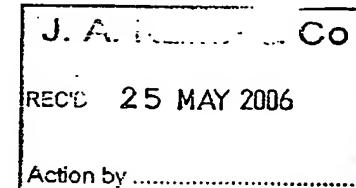
Office européen
des brevets

Generaldirektion 1

Directorate General 1

Direction générale 1

Bentham, Andrew
J.A. Kemp & Co.
14 South Square
Gray's Inn
London WC1R 5JJ
GRANDE BRETAGNE



EPO Customer Services
Tel.: +31 (0)70 340 45 00

Date
24.05.06

Reference N.91527 GCW/AB	Application No./Patent No. 02773804.6 - 2401 PCT/US0233403
Applicant/Proprietor EMORY UNIVERSITY	

COMMUNICATION

The European Patent Office herewith transmits the supplementary partial European search report under Rule 46(1) EPC relating to the above-mentioned European patent application.

Copies of the documents cited in the search report are enclosed.

The applicant's attention is drawn to the following:

The Search Division informs the applicant that if the European search report is also to cover inventions other than the invention first mentioned in the claims, a further search fee must be paid for each of these inventions, within one month after notification of this communication.

If the application has been filed up to 30 June 1999, the search fee in force before 01 July 1999 (EUR 869,-) or the equivalent applicable on the date of payment is payable.
This applies also to the search fees requested under Rule 46(1) EPC.
See also OJ EPO 06/1999, 405.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

Note to users of the automatic debiting procedure:

Unless the EPO receives prior instructions to the contrary, the search fee(s) will be debited on the last day of the period for payment. For further details see the Arrangements for the automatic debiting procedure, Supplement 2 to OJ EPO 01/2005.





European Patent
Office

SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT
under Rule 46, paragraph 1 of the European Patent Convention

Application Number
EP 02 77 3804

DOCUMENTS CONSIDERED TO BE RELEVANT									
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)						
X	WO 01/68109 A (EMORY UNIVERSITY) 20 September 2001 (2001-09-20) * pages 3-4 * * example 7; sequences 37,38 *	1,3,4, 6-10, 12-14	INV. C12Q1/68 A01N43/04 C07H21/04 A61K31/07						
X	WO 00/71141 A (EMORY UNIVERSITY) 30 November 2000 (2000-11-30) * pages 2-4 * * examples 7,11; sequences 38,39 *	1,3,4, 6-10, 12-14							
P,A	DOERING CHRISTOPHER B ET AL: "High level expression of recombinant porcine coagulation factor VIII." THE JOURNAL OF BIOLOGICAL CHEMISTRY. 11 OCT 2002, vol. 277, no. 41, 11 October 2002 (2002-10-11), pages 38345-38349, XP002379313 ISSN: 0021-9258 * the whole document *	1,3,4, 6-10, 12-14							
		-/-	TECHNICAL FIELDS SEARCHED (IPC) C07K						
LACK OF UNITY OF INVENTION									
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:									
see sheet B									
The present partial European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.									
4	Place of search The Hague	Date of completion of the search 8 May 2006	Examiner Romano, A						
<table border="1"> <thead> <tr> <th colspan="2">CATEGORY OF CITED DOCUMENTS</th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="2">X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</td> <td>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons S : member of the same patent family, corresponding document</td> </tr> </tbody> </table>				CATEGORY OF CITED DOCUMENTS			X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons S : member of the same patent family, corresponding document
CATEGORY OF CITED DOCUMENTS									
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons S : member of the same patent family, corresponding document							



SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT

Application Number

EP 02 77 3804

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	TECHNICAL FIELDS SEARCHED (IPC)
A	<p>BARROW R T ET AL: "Reduction of the antigenicity of factor VIII toward complex inhibitory antibody plasmas using multiply-substituted hybrid human/oocine factor VIII molecules" BLOOD, W.B.SAUNDERS COMPANY, ORLANDO, FL, US, vol. 95, no. 2, 15 January 2000 (2000-01-15), pages 564-568, XP002963601 ISSN: 0006-4971 * the whole document *</p>	1-14	



European Patent
Office

LACK OF UNITY OF INVENTION
SHEET B

Application Number
EP 02 77 3804

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-14 (all partially)

A polypeptide with SEQ ID NO:15 and a polynucleotide with SEQ ID NO:14, products, methods and uses related thereto

2. claims: 1-14 (all partially)

A polypeptide with SEQ ID NO:17 and a polynucleotide with SEQ ID NO:15, products, methods and uses related thereto

3. claims: 1-14 (all partially)

A polypeptide with SEQ ID NO:17 and a polynucleotide with SEQ ID NO:16, products, methods and uses related thereto

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 02 77 3804

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

08-05-2006

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0168109	A 20-09-2001	AU 3841601 A		24-09-2001
		BR 0109131 A		07-12-2004
		CA 2400295 A1		20-09-2001
		CN 1416348 A		07-05-2003
		CZ 20023346 A3		15-01-2003
		EE 200200510 A		16-02-2004
		EP 1280540 A1		05-02-2003
		HU 0300586 A2		28-06-2003
		JP 2003526358 T		09-09-2003
		MX PA02008798 A		25-04-2003
		NO 20024296 A		08-11-2002
		NZ 520799 A		25-06-2004
		PL 359672 A1		06-09-2004
		SK 14392002 A3		03-06-2003
		ZA 200206810 A		26-11-2003
WO 0071141	A 30-11-2000	AT 291923 T		15-04-2005
		AU 765442 B2		18-09-2003
		AU 5023700 A		12-12-2000
		CA 2374675 A1		30-11-2000
		DE 60019122 D1		04-05-2005
		DE 60019122 T2		09-02-2006
		EP 1200105 A1		02-05-2002
		ES 2238284 T3		01-09-2005
		HK 1043543 A1		09-09-2005
		JP 2003508019 T		04-03-2003
		PT 1200105 T		30-06-2005



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
T: (070) 3 40 20 40
FAX: (070) 3 40 30 16

Europäisches
Patentamt

European
Patent Office

Office européen
des brevets

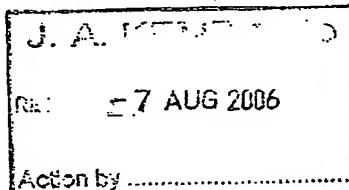
Generaldirektion 1

Directorate General 1

Direction générale 1



Bentham, Andrew
J.A. Kemp & Co.
14 South Square
Gray's Inn
London WC1R 5JJ
GRANDE BRETAGNE



EPO Customer Services
Tel.: +31 (0)70 340 45 00

Date
04.08.06

Reference N.91527 GCW/AB	Application No./Patent No. 02773804.6 - 2107 PCT/US0233403
Applicant/Proprietor EMORY UNIVERSITY	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the supplementary European search report under Article 157(2)(a) EPC for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

Refund of the search fee

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 01/68109 A (EMORY UNIVERSITY) 20 September 2001 (2001-09-20) * pages 3-4 * * example 7; sequences 37,38 *	1,3,4, 6-10, 12-14	INV. A61K35/14 C07K1/00 C07H21/04 C12P21/00
X	WO 00/71141 A (EMORY UNIVERSITY) 30 November 2000 (2000-11-30) * pages 2-4 * * examples 7,11; sequences 38,39 *	1,3,4, 6-10, 12-14	
P,A	DOERING CHRISTOPHER B ET AL: "High level expression of recombinant porcine coagulation factor VIII." THE JOURNAL OF BIOLOGICAL CHEMISTRY. 11 OCT 2002, vol. 277, no. 41, 11 October 2002 (2002-10-11), pages 38345-38349, XP002379313 ISSN: 0021-9258 * the whole document *	1,3,4, 6-10, 12-14	
A	BARROW R T ET AL: "Reduction of the antigenicity of factor VIII toward complex inhibitory antibody plasmas using multiply-substituted hybrid human/oorcine factor VIII molecules" BLOOD, W.B.SAUNDERS COMPANY, ORLANDO, FL, US, vol. 95, no. 2, 15 January 2000 (2000-01-15), pages 564-568, XP002963601 ISSN: 0006-4971 * the whole document *	1-14	TECHNICAL FIELDS SEARCHED (IPC) C07K
5	The supplementary search report has been based on the last set of claims valid and available at the start of the search.		
Place of search		Date of completion of the search	Examiner
The Hague		27 July 2006	Romano, A
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):

- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



European Patent
Office

LACK OF UNITY OF INVENTION
SHEET B

Application Number
EP 02 77 3804

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-14 (all partially)

A polypeptide with SEQ ID NO:15 and a polynucleotide with SEQ ID NO:14, products, methods and uses related thereto

2. claims: 1-14 (all partially)

A polypeptide with SEQ ID NO:17 and a polynucleotide with SEQ ID NO:16, products, methods and uses related thereto

3. claims: 1-14 (all partially)

A polypeptide with SEQ ID NO:19 and a polynucleotide with SEQ ID NO:18, products, methods and uses related thereto

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 02 77 3804

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-07-2006

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0168109	A	20-09-2001		AU 3841601 A	24-09-2001
				BR 0109131 A	07-12-2004
				CA 2400295 A1	20-09-2001
				CN 1416348 A	07-05-2003
				CZ 20023346 A3	15-01-2003
				EE 200200510 A	16-02-2004
				EP 1280540 A1	05-02-2003
				HU 0300586 A2	28-06-2003
				JP 2003526358 T	09-09-2003
				MX PA02008798 A	25-04-2003
				NO 20024296 A	08-11-2002
				NZ 520799 A	25-06-2004
				PL 359672 A1	06-09-2004
				SK 14392002 A3	03-06-2003
				ZA 200206810 A	26-11-2003
WO 0071141	A	30-11-2000		AT 291923 T	15-04-2005
				AU 765442 B2	18-09-2003
				AU 5023700 A	12-12-2000
				CA 2374675 A1	30-11-2000
				DE 60019122 D1	04-05-2005
				DE 60019122 T2	09-02-2006
				EP 1200105 A1	02-05-2002
				ES 2238284 T3	01-09-2005
				HK 1043543 A1	09-09-2005
				JP 2003508019 T	04-03-2003
				PT 1200105 T	30-06-2005